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<div style="border: 2px solid black; border-radius: 50%; width: 100px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"><div style="writing-mode: vertical-rl; transform: rotate(180deg); font-weight: bold;">OFFICE OF THE COMMISSIONER OF PATENTS AND TRADEMARKS</div><div style="text-align: center;">Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i></div></div>	Application Number	10/032,284
	Filing Date	December 21, 2001
	First Named Inventor	Ling Chen, et al.
	Group Art Unit	1763
	Examiner Name	Karla A. Moore
	Attorney Docket Number	AMAT/5192.02/CPI/COPPER/PJS
Sheet 1	of 1	Submission Date August 23, 2004

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
↓	A1	US-5,643,366	07/01/1997	Somekh, et al.	X
	A2	US-5,542,452	08/06/1996	Carver, Jr., et al.	
	A3	US-6,534,133	03/18/2003	Kaloyeros, et al.	
	A4	US-4,732,110	03/22/1988	Parsons	
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
↓	B1	KR 0040650	05/23/2003	Jasung (Assignee) (No English Abstract)	X	
	B2					
	B3					
	B4					

Examiner **KARLA MOORE**

Date Considered **11/8/04**

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Application Number	10/032,284
Filing Date	December 21, 2001
First Named Inventor	Chen, et al.
Group Art Unit	1763
Examiner Name	Karla A. Moore
Attorney Docket Number	AMAT/5192.02/CPI/COPPER/PJS
Submission Date	September 29, 2004

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		Number-Kind Code ² (if known)			
K	A1	US-6778762	08/17/2004	Shareef, et al.	
	A2	US-6630201	10/07/2003	Chiang, et al.	
	A3	US-6620723	09/16/2003	Byun, et al.	
	A4	US-6596602	07/22/2003	Iizuka, et al.	
	A5	US-6579372	06/17/2003	Park	
	A6	US-6569501	05/27/2003	Chiang, et al.	
	A7	US-20040046197	03/11/2004	Basceri, et al.	
	A8	US-20040033698	02/19/2004	Lee, et al.	
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	A27	US-20030082301	05/01/2003	Chen, et al.	
	A28	US-20030072913	04/17/2003	Chou, et al.	

Examiner

KARLA MOORE

Date Considered

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Sheet 2

of 2

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		Number-Kind Code ² (if known)			
kw	A29	US-20030059538	03/27/2003	Chung, et al.	
	A30	US-20030057527	03/27/2003	Chung, et al.	
	A31	US-20030057526	03/27/2003	Chung, et al.	
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
kw	B1	WO 03/23835	03/20/2003	Lee, et al.		
	B2	JP 2001-111000	12/26/2002	Lee, et al.		
	B3	JP 07-300649	11/14/1995	Haruo, et al.		
	B4					
	B5					

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